



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Reid H. Bowman et al.
Application No. : 10/805,176
Filing Date : March 19, 2004
Docket No. : 27566-6
Title : SYSTEM AND METHOD FOR REMEDIATING
CONTAMINATED SOIL AND GROUNDWATER IN
SITU

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Examiner:

1. This Information Disclosure Statement is filed in accordance with 36 C.F.R. §§§ 1.56, 1.97 and 1.98. The items listed on the enclosed Form PTO-1449 may be deemed to be pertinent to the above-identified application and are made of record to assist the Patent and Trademark Office in its examination of this application. The Examiner is respectfully requested to fully consider the items and to independently ascertain their teaching.

2. Pursuant to 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made.

3. Pursuant to 37 C.F.R. § 1.97(h), the filing of this Information Disclosure Statement shall not be construed as an admission that the information cited in this Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

4. Pursuant to 37 C.F.R. § 1.97(b) this Statement is being filed:

() within 3 months of the filing date of a national application; or

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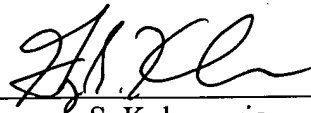
(X) before the mailing date of a first Office Action on the merits.

The Commissioner is hereby authorized to charge any additional fees required for consideration of this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 02-2051, identifying our Docket No. 27566-6.

Respectfully Submitted,

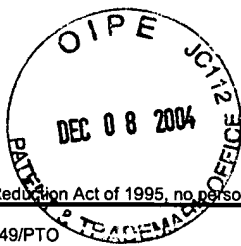
Dated: 12/2/04

By:



Gregory S. Kolocouris
Reg. No. 47,714

BENESCH, FRIEDLANDER,
COPLAN & ARONOFF, LLP
2300 BP Tower
200 Public Square
Cleveland, Ohio 44114-2378
(216) 363-4453



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

Application Number	10/805,176
Filing Date	March 19, 2004
First Named Inventor	Reid H. Bowman et al
Art Unit	1724
Examiner Name	Unknown
Attorney Docket Number	27566-6

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 4,423,780	01/03/1984	Vigneri et al.	
		US- 4,456,069	06/26/1984	Vigneri	
		US- 5,286,141	02/15/1994	Vigneri	
		US- 5,362,400	11/08/1994	Martinell	
		US- 5,520,483	05/28/1996	Vigneri	
		US- 5,567,444	10/22/1996	Hei et al.	
		US- 5,741,427	04/21/1998	Watts et al.	
		US- 6,197,206 B1	03/06/2001	Wasinger	
		US- 6,312,605 B1	11/06/2001	Kerfoot	
		US- 6,391,184 B1	05/21/2002	Orolin et al.	
		US- 6,319,328 B1	11/20/2001	Greenberg et al.	
		US- 6,457,905 B1	10/01/2002	Nickell	
		US- 2002/0002983 A1	01/10/2002	Greenberg et al.	
		US- 2003/0029792 A1	02/13/2003	Kerfoot	
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
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of

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10/805,176

Filing Date

March 19, 2004

First Named Inventor

Reid H. Bowman et al

Art Unit

1724

Examiner Name _____

Unknown

Attorney Docket Number

27566-6

Examiner
Initials*Cite
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Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

 T^2

Niven, Robert K. et al., "In Situ Multiphase Fluidization ("upflow washing") for the remediation of hydrocarbon contaminated sands", Can. Geotech. J. 35: 938-960, 1998

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